

CLAIMS

1. A method of deactivating a lock state in an electronic device comprising a touch screen, comprising
displaying one or more images on the touch screen when the device
5 is in the lock state, of which images one or more includes at least one predetermined point;
detecting a touch on a predetermined point in one or more images;
deactivating the device lock state upon detection of a predetermined
number of touches on successive images including a predetermined point.
10 2. A method as claimed in claim 1, further comprising: selecting the
images to be displayed from an image database.
3. A method as claimed in claim 2, further comprising: selecting the
images to be displayed randomly.
4. A method as claimed in claim 1, wherein information about the
15 predetermined point is coded in the image in advance.
5. A method as claimed in claim 1, further comprising: maintaining,
in the device, an image database from which the images are selected.
6. A method as claimed in claim 2, further comprising: maintaining,
in the device, a database including information about the predetermined points
20 in the images in the image database.
7. A method as claimed in claim 1, wherein an image includes more
than one predetermined point, the method further comprising: selecting one of
these points as a point to be touched by means of a predetermined parameter
each time the image is displayed.
25 8. A method as claimed in claim 7, wherein the predetermined parameter
is a date or a day of the week.
9. A method as claimed in claim 7, wherein the predetermined parameter
is a user ID registered as the user in the device before the transfer to
the lock state.
30 10. A method as claimed in claim 1, further comprising:
reading the image from the image database,
reading information about the predetermined point in the image,
displaying the image on the display until a touch on the touch
screen is detected or until a predetermined period of time has elapsed,
35 checking if a predetermined number of touches on successive images
including a predetermined point is detected, whereby the device lock is

deactivated; otherwise, a new image is read from the database.

11. A method as claimed in claim 1, further comprising: detecting a touch on a predetermined point by means of the touch screen.

12. A method as claimed in claim 1, further comprising: detecting a
5 touch on a predetermined point by means of a pointer means in the device.

13. An electronic device configured to enter a lock state upon the fulfilment of a predetermined condition, the device comprising

a touch screen;

means for displaying one or more images on the touch screen when
10 the device is in the lock state, of which images one or more includes at least one predetermined point;

detection means for detecting a touch on a predetermined point in one or more images; and

means for deactivating the device lock state upon detection of a
15 predetermined number of touches on successive images including a predetermined point.

14. A device as claimed in claim 13, wherein the device includes means for maintaining an image database, and selecting means for selecting the image to be displayed at each particular time from the image database.

20 15. A device as claimed in claim 14, wherein the selecting means are configured to select the image to be displayed at each particular time from the image database randomly.

16. A device as claimed in claim 14, wherein the image database includes images, in which information about the predetermined point is coded
25 in advance.

17. A device as claimed in claim 14, wherein the device includes means for maintaining a database including information about the predetermined points in the images in the image database.

18. A device as claimed in claim 13, wherein the touch screen is
30 configured to transfer information about a touch on a predetermined point to the detection means.

19. A device as claimed in claim 13, wherein the device comprises pointer means configured to transfer information about a touch on a predetermined point to the detection means.

35 20. A device as claimed in claim 19, wherein the pointer means is realized with a mouse, a track stick or a touch-pad.

21. An electronic device configured to enter a lock state upon the fulfilment of a predetermined condition, comprising

a touch screen and a controller configured to display one or more images on the touch screen when the device is in the lock state, of which images one or more includes at least one predetermined point; wherein

the controller is further configured to detect a touch on a predetermined point in one or more images; and to deactivate the device lock state upon detection of a predetermined number of touches on successive images including a predetermined point.